

FIG. 1

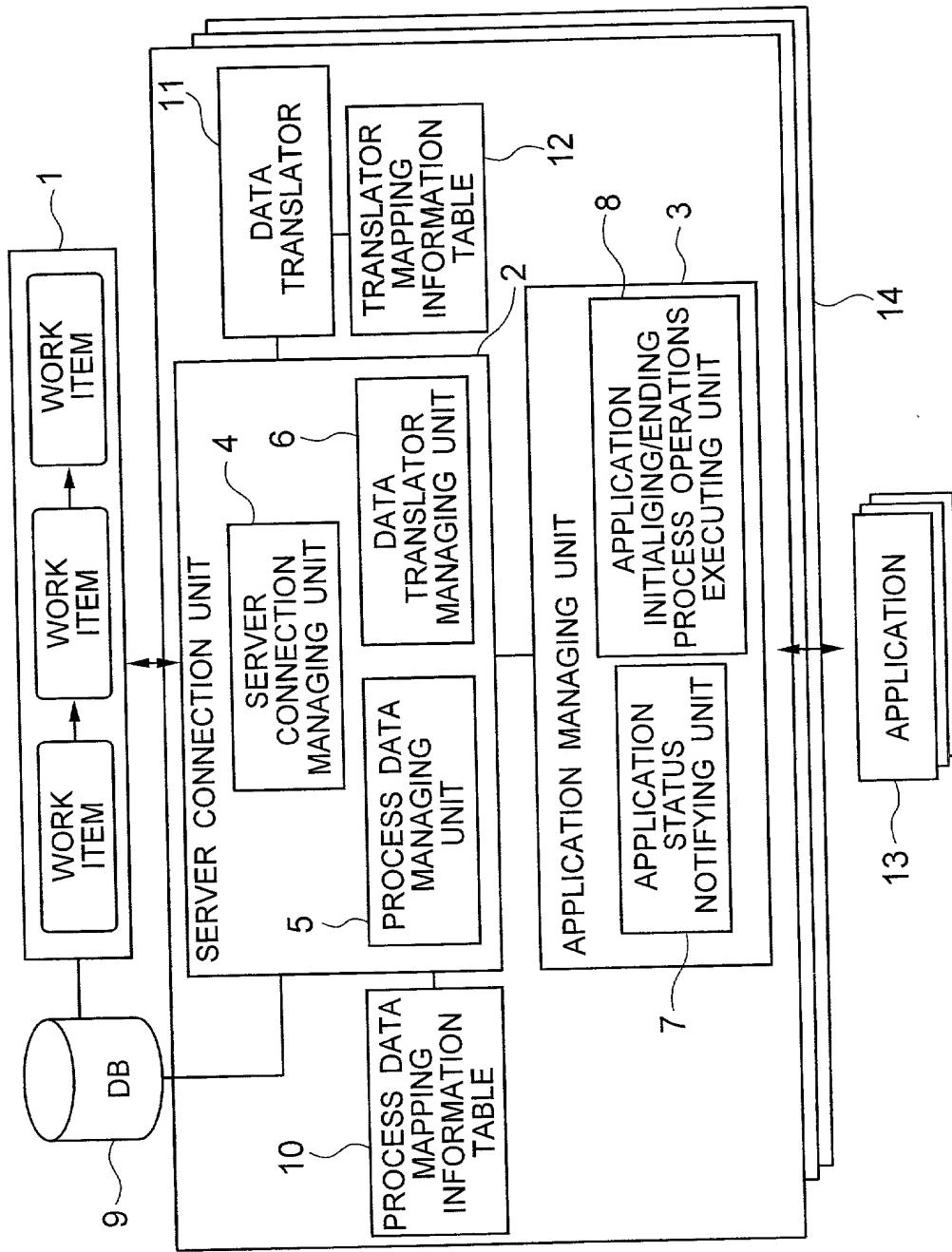
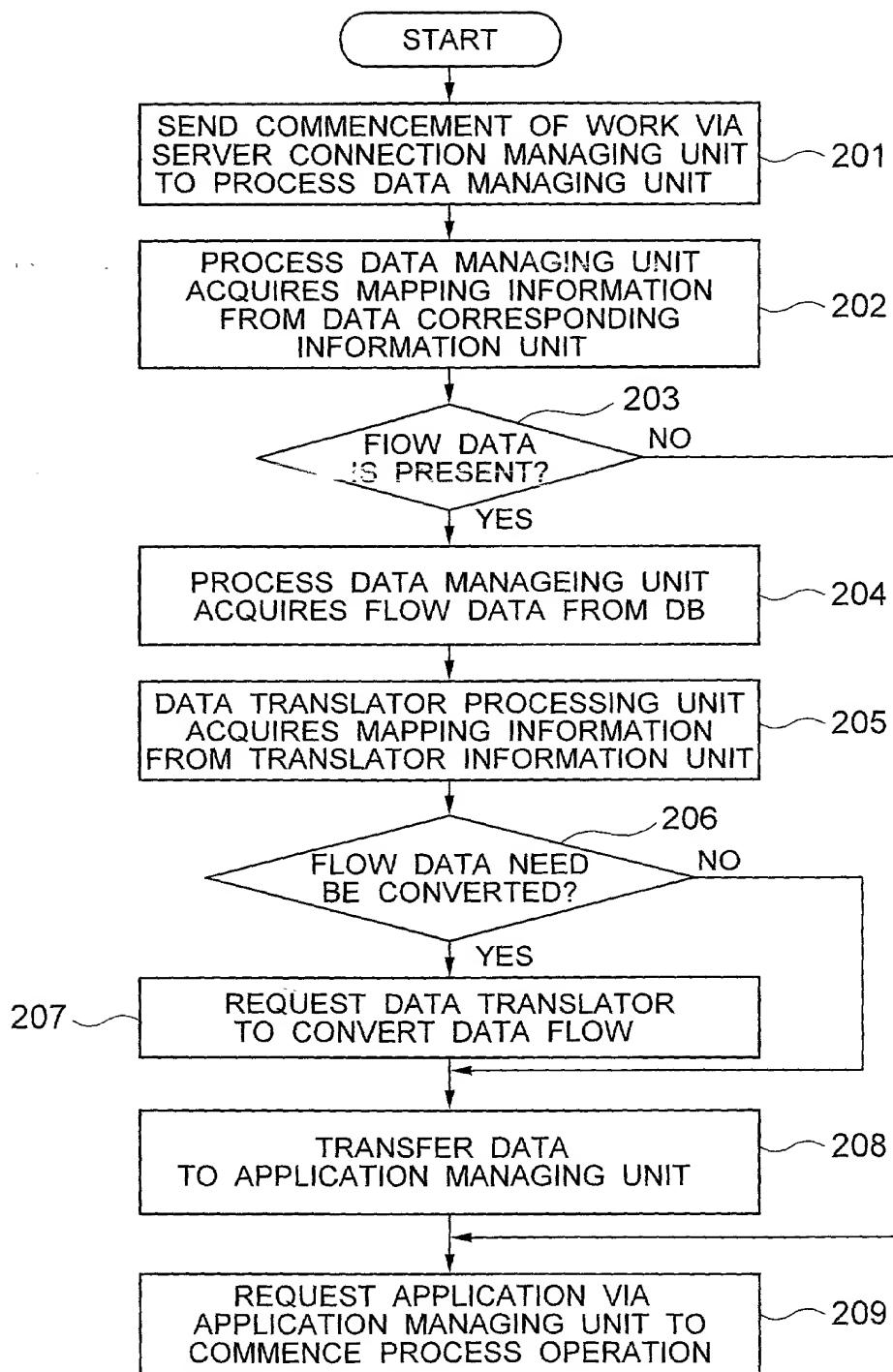


FIG. 2



**FIG. 3**

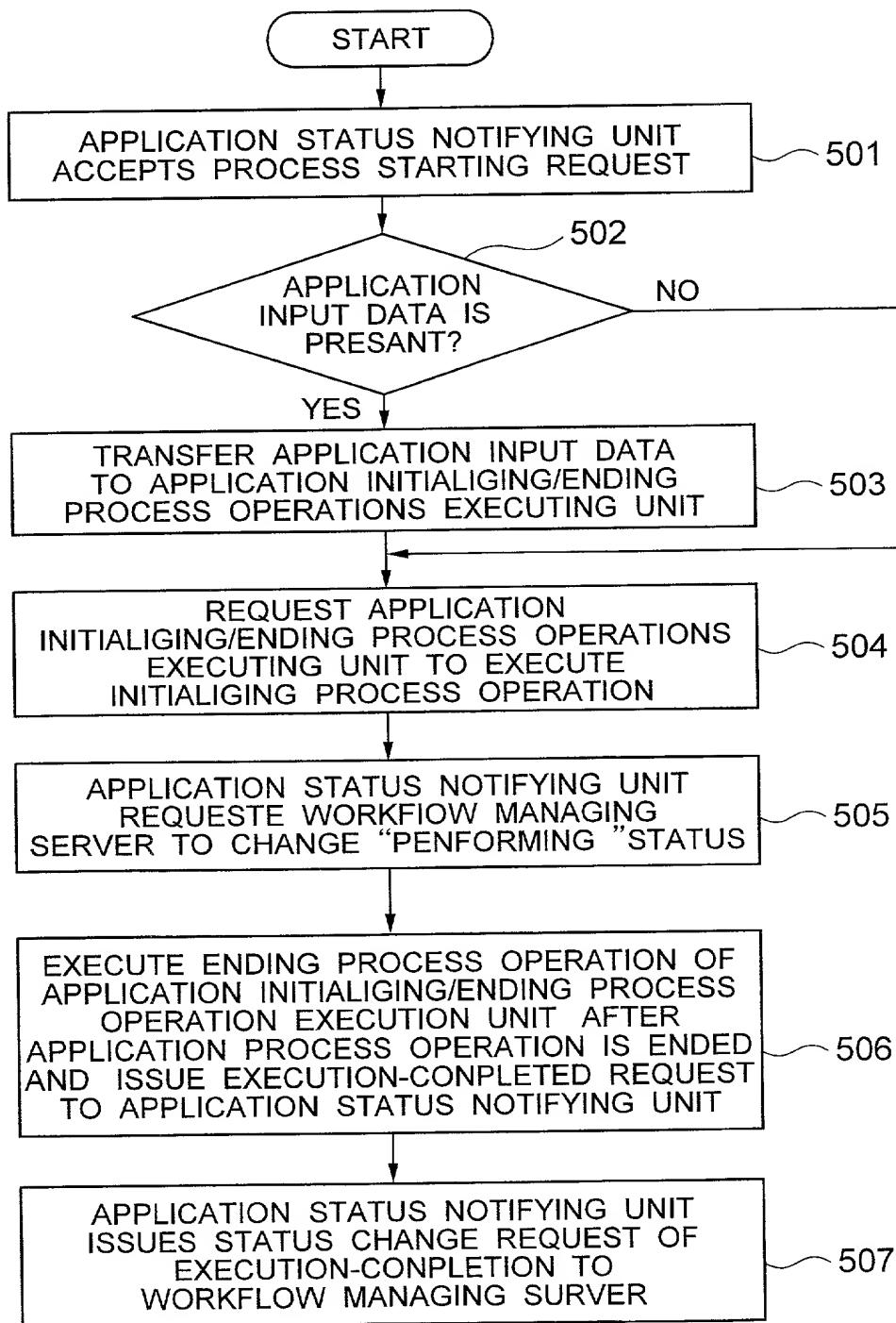
301

PROCESS DATA MAPPING INFORMATION TABLE 302			
WORK ITEM 3			
WORK ITEM 2			
WORK ITEM 1			
	DATA PRESENT/ABSENT	DATA ITEM NAME LIST	TYPE IDENTIFIER LIST
READING TIME	PRESENT	"PRODUCT NAME" "QUANTITY" "PRICE"	CHARACTER STRING BYTE STRING BYTE STRING
WRITING TIME	ABSENT	—	—

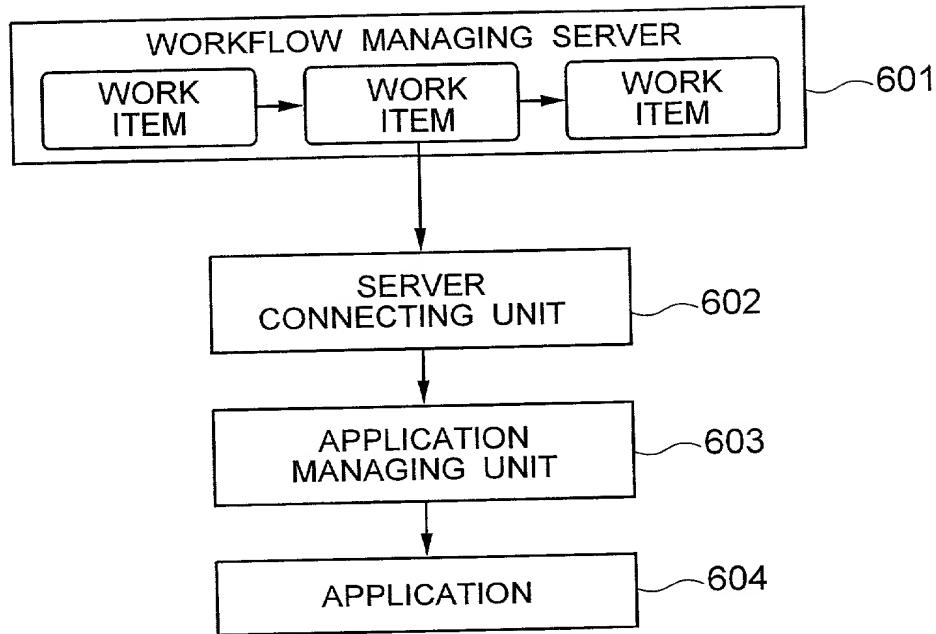
**FIG. 4**

TRANSLATOR MAPPING INFORMATION TABLE			
		402	
WORK ITEM 3		401	
WORK ITEM 2			
WORK ITEM 1		CONVERSION SOURCE TYPE LIST	CONVERSION DESTINATION TYPE LIST
INPUTTING TIME	REQUIRED	CHARACTER STRING BYTE STRING BYTE STRING	BYTE STRING BYTE STRING BYTE STRING
OUTPUTTING TIME	NOT REQUIRED	—	—

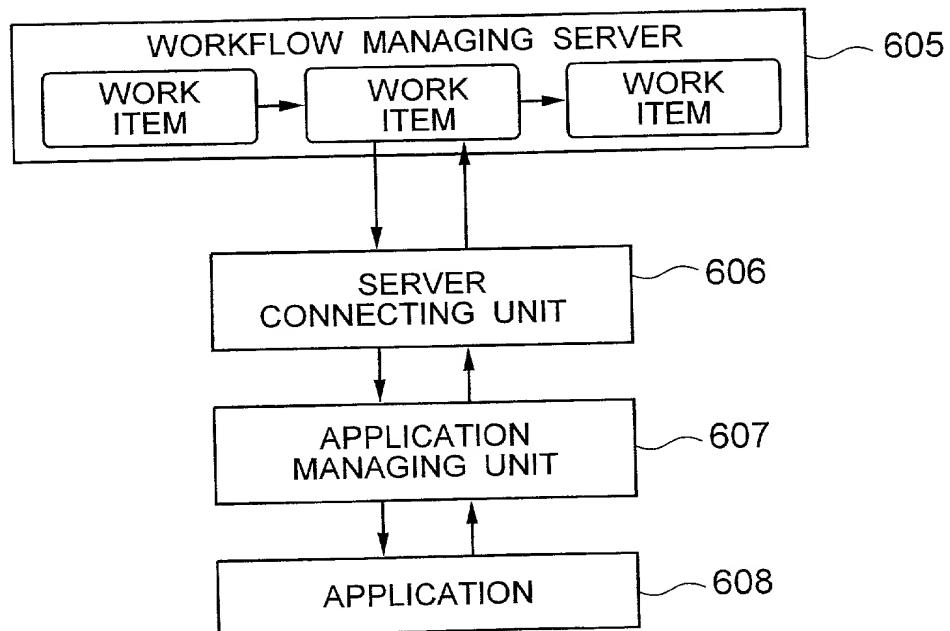
**FIG. 5**



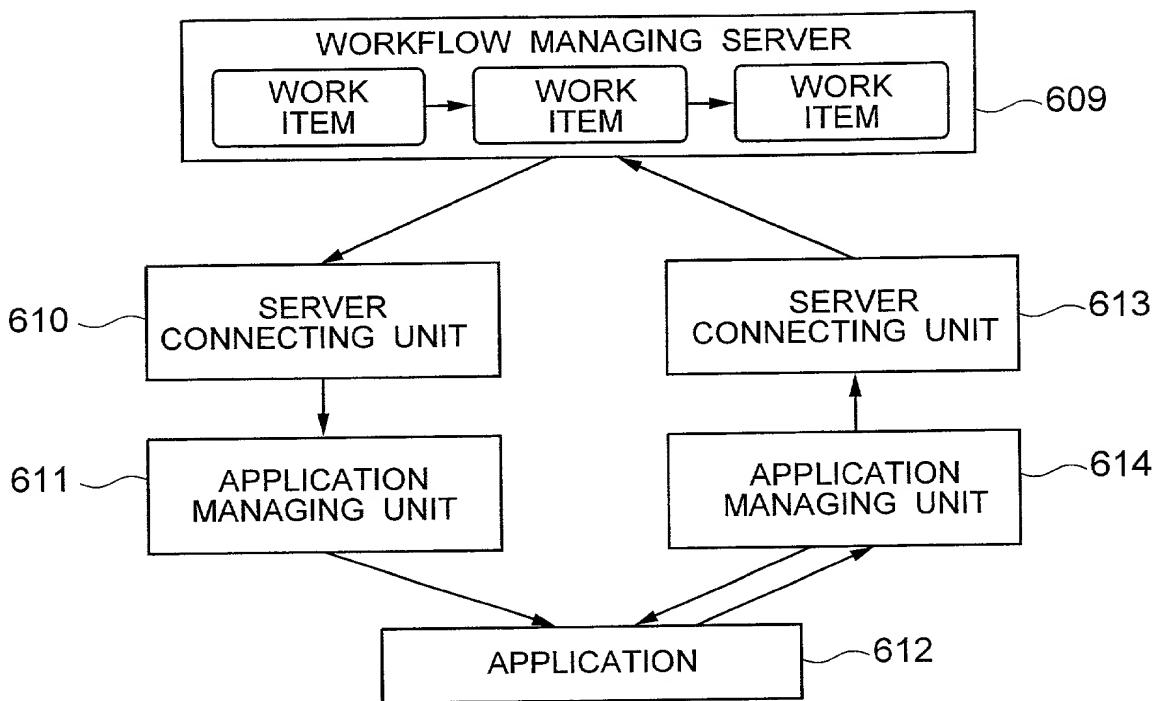
# FIG. 6A



# FIG. 6B



# FIG. 6C



# FIG. 6D

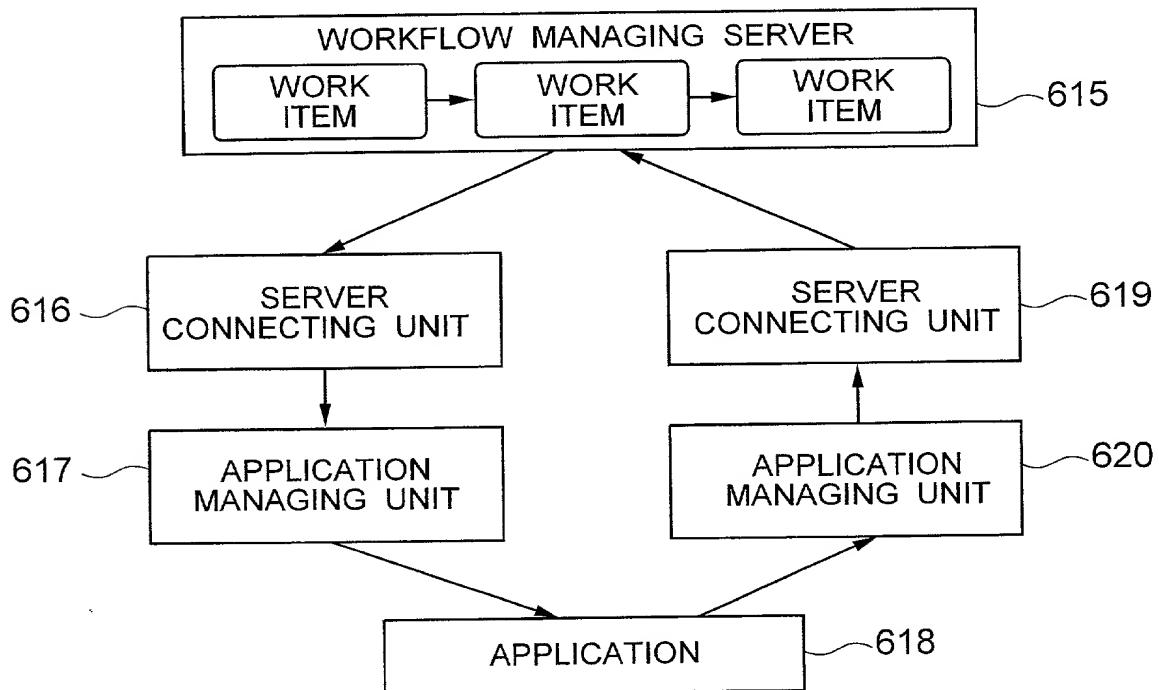
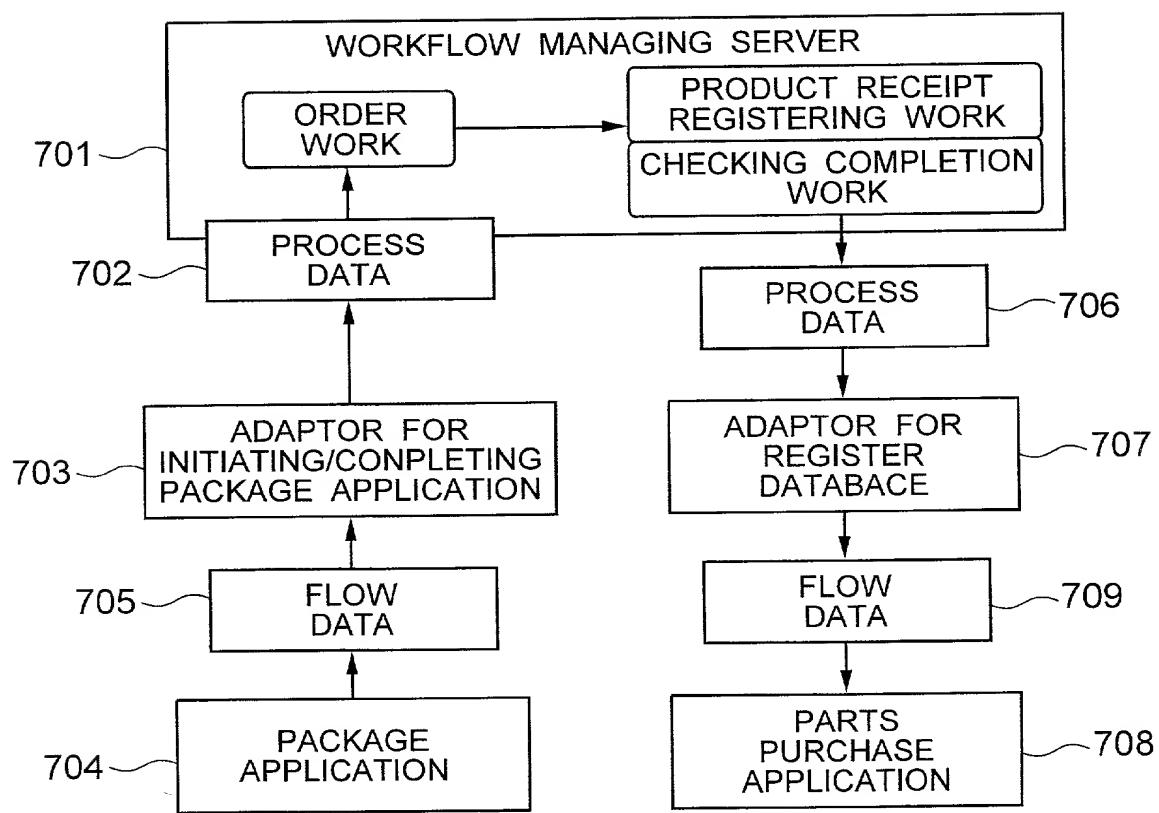


FIG. 7



**FIG. 8A**

	DATA PRESENT/ABSENT	DATA ITEM NAME LIST	TYPE IDENTIFIER LIST
READING TIME	PRESENT	PRODUCT CODE, QUANTITY, UNIT PRICE	BYTE STRING BYTE STRING BYTE STRING
WRITING TIME	ABSENT	—	—

**FIG.8B**

	DATA PRESENT/ABSENT	DATA ITEM NAME LIST	TYPE IDENTIFIER LIST
READING TIME	ABSENT	—	—
WRITING TIME	PRESENT	PRODUCT MODEL, QUANTITY, UNIT PRICE	BYTE STRING BYTE STRING BYTE STRING

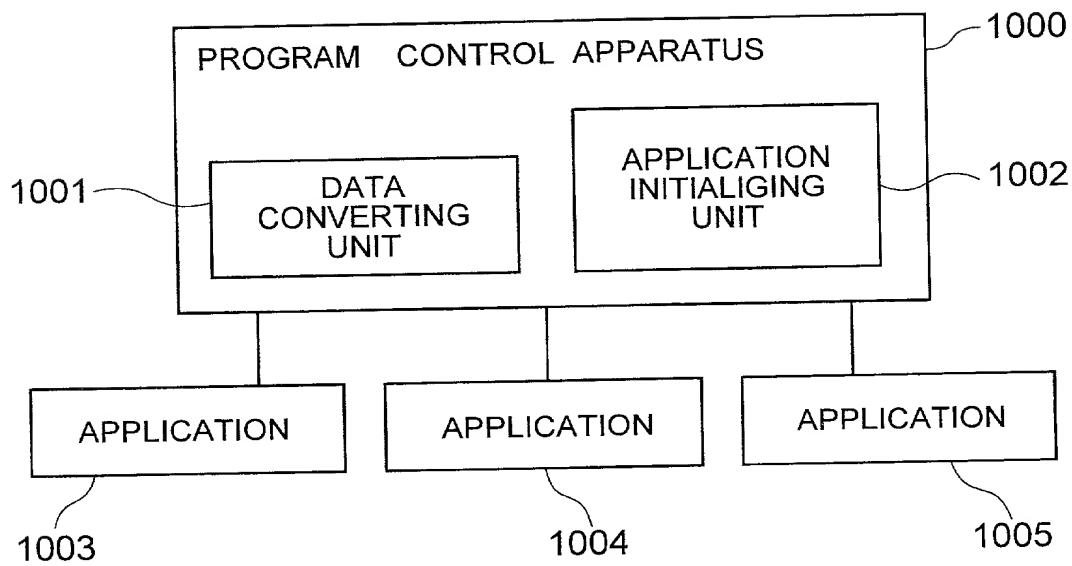
**FIG. 9A**

	CONVERSION REQUIRED/ NOT REQUIRED	CONVERSION SOURCE TYPE LIST	CONVERSION SOURCE TYPE LIST
INPUTTING TIME	NOT REQUIRED	—	—
OUTPUTTING TIME	REQUIRED	BYTE STRING BYTE STRING BYTE STRING	BYTE STRING BYTE STRING BYTE STRING

**FIG. 9B**

	CONVERSION REQUIRED/ NOT REQUIRED	CONVERSION SOURCE TYPE LIST	CONVERSION SOURCE TYPE LIST
INPUTTING TIME	REQUIRED	BYTE STRING BYTE STRING BYTE STRING	BYTE STRING BYTE STRING BYTE STRING — — QUANTITY X UNITPRICE
OUTPUTTING TIME	NOT REQUIRED	—	—

FIG. 10



**FIG. 11**

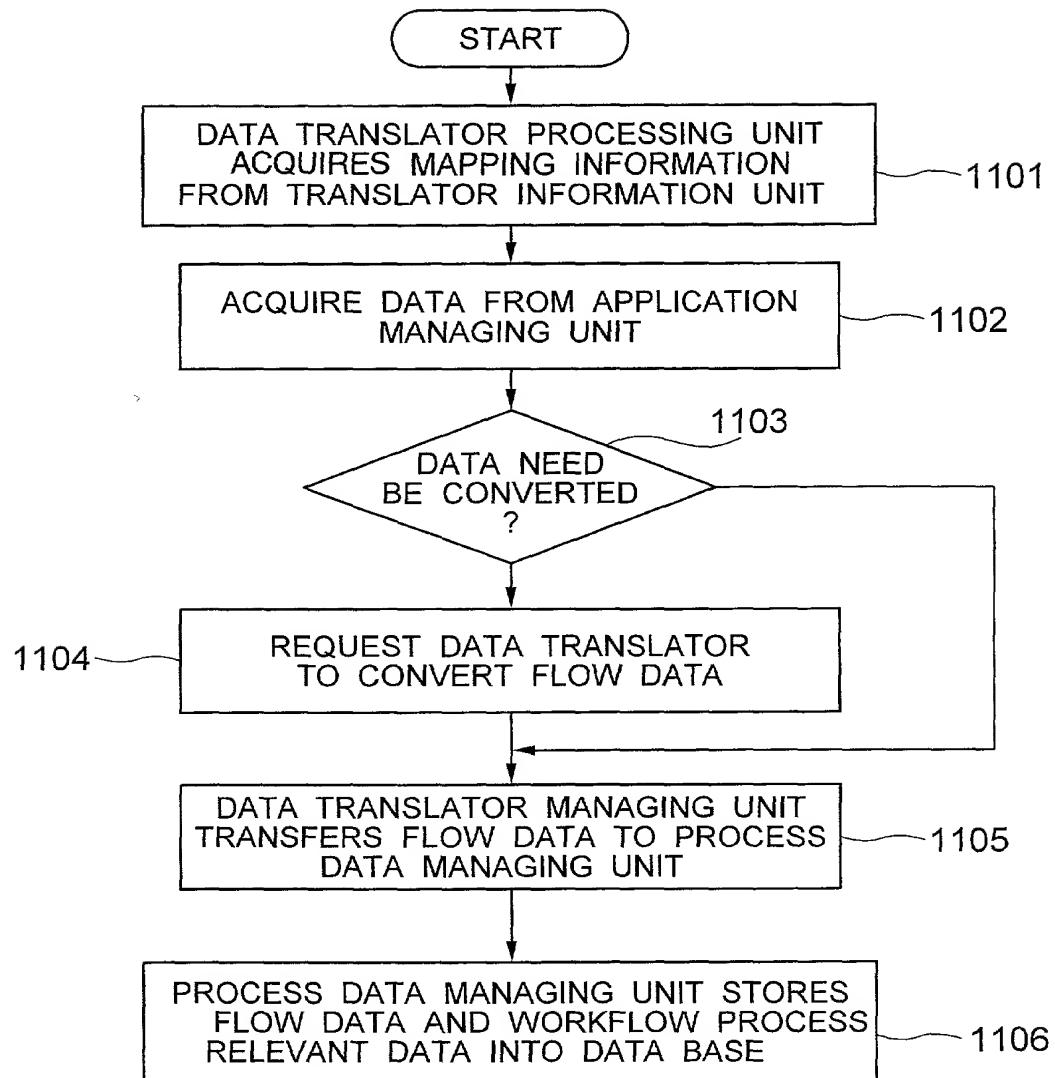


FIG. 12

